



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590
APR 6 2001

DOT-E 11513
(SECOND REVISION)

EXPIRATION DATE: February 28, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Cordant Technologies, Inc.
Thiokol Propulsion Division
Brigham City, UT
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain forbidden and unapproved explosives identified as Division 1.1A explosive substances when shipped in limited quantity and with packagings and operational controls prescribed herein. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.54 (a) and (j), insofar as dry or unphlegmatized HMX or RDX are defined as forbidden explosives; and § 177.801.
5. BASIS: This exemption is based on the application of the Thiokol Propulsion Division of Cordant Technologies, dated March 20, 2001, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Substances, explosive, n.o.s. (HMX or RDX, dry or unphlegmatized, as appropriate)	1.1A	UN0473	II

7. SAFETY CONTROL MEASURES:a. PACKAGING -

(1) Dry or unphlegmatized HMX or RDX must be packaged in two conductive plastic bags, one inside the other, containing not more than 12 kilograms (26.4 pounds) of HMX or RDX in each double bag. Not more than two bags (24 kilograms (52.8 pounds)) may be placed in a DOT Specification UN 1G fiberboard drum.

(2) Alternatively, small quantities or samples of dry or unphlegmatized HMX or RDX of not more than 2 kilograms (4.4 pounds) net weight may be packaged in accordance with Packing Instruction 112(c) of § 173.62(c) Table.

b. OPERATIONAL CONTROLS -

(1) Transportation must be by private or contract carrier only between the applicant's manufacturing facilities in Brigham City, Utah via Utah Highway 83 and State Route 102, a distance of approximately 5.4 miles, as specified in the exemption application.

(2) Transportation of the explosive substances may not occur between the hours of 7:00 AM and 9:00 AM or between the hours of 4:00 PM and 6:00 PM local time.

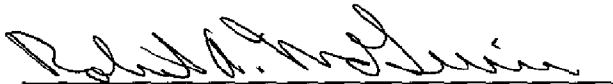
(3) Escort vehicles must travel immediately in front of and behind the motor vehicle carrying the explosive substances. All three motor vehicles must have their headlights and hazard warning lights turned on during carriage and be equipped with fire extinguishers.

8. SPECIAL PROVISIONS: None.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
 - o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.
12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: SCW/AM